what is claimed is:

1. A communication apparatus comprising:

connecting means for connecting the communication apparatus to a communication network containing an electronic mail exchange device;

input means for inputting image data representing an image;

transmitting means for transmitting an electronic mail, to which the image data inputted by said input means is attached, via said connecting means;

receiving means for receiving an electronic mail for notifying an error via said connecting means;

analyzing means for analyzing the electronic mail for notifying the error received by said receiving means;

converting means for converting a capacity of the image data, inputted by said input means, into a smaller capacity according to an analysis result obtained by said analyzing means; and

control means for carrying out a controlling operation so as to retransmit the electronic mail, to which the image data with the capacity thereof converted by said converting means is attached, by said transmitting means.

2. A communication apparatus according to claim 1, wherein said converting means converts the capacity of

image data specified by the electronic mail analyzed by said analyzing means.

3. A communication apparatus according to claim 1, wherein said converting means reduces the capacity by lowering a resolution of an image represented by the image data inputted by said input means.

4. A communication apparatus according to claim 1, wherein said converting means reduces the capacity by reducing a size of an image represented by the image data inputted by said input means.

5. A communication apparatus according to claim 1, wherein said converting means reduces the capacity per electronic mail by dividing the image data inputted by said input means into a plurality of pieces.

6. A communication apparatus according to claim 1, wherein said converting means reduces the capacity by raising a compression rate of the image data inputted by said input means.

7. A communication apparatus according to claim 1, wherein said converting means reduces the capacity by converting the image data which is color image data, inputted by said input means, into black-and-white image data.

8. A communication apparatus according to claim 1, wherein said converting means reduces the capacity by converting the image data which is multivalued image data, inputted by said input means, into binary image

data.

9. A communication apparatus according to claim 1, further comprising setting means for setting for said converting means one of a plurality of conversion methods to be used; and wherein said converting means converts the capacity by the conversion method set by said setting means.

10. A communication apparatus according to claim 1, wherein said converting means converts the capacity by using a combination of a plurality of converting methods.

11. A communication apparatus according to claim 1, wherein:

said control means repeats the conversion by said converting means and the retransmission by said transmission means every time said receiving means receives an electronic mail for notifying an error.

12. A communication method comprising:

an input step of inputting image data representing an image;

a transmitting step of transmitting an electronic mail to which the image data inputted by said input means is attached;

a receiving step of receiving an electronic mail for notifying an error;

an analyzing step of analyzing the electronic mail for notifying the error received in said receiving

step;

a converting step of converting a capacity of the image data inputted by said input means into a smaller capacity according to an analysis result obtained in said analyzing step; and

a controlling step of carrying out a controlling operation so as to retransmit the electronic mail to which the image data with the capacity thereof converted in said converting step is attached, by said transmitting step.

13. A communication method according to claim 12, wherein said converting step comprises converting the capacity of image data specified by the electronic mail analyzed in said analyzing step.

14. A communication method according to claim 12, wherein said converting step comprises reducing the capacity by lowering a resolution of an image represented by the image data inputted in said input step.

15. A communication method according to claim 12, wherein said converting step comprises reducing the capacity by reducing a size of an image represented by the image data inputted in said input step.

16. A communication method according to claim 12, wherein said converting step comprises reducing the capacity per electronic mail by dividing the image data inputted in said input step into a plurality of pieces.

17. A communication method according to claim 12, wherein said converting means comprises reducing the capacity by raising a compression rate of the image data inputted in said input step.

18. A communication method according to claim 12, wherein said converting step comprises reducing the capacity by converting the image data which is color image data, inputted in said input step, into black-and-white image data.

19. A communication method according to claim 12, wherein said converting step comprises reducing the capacity by converting the image data which is multivalued image data, inputted in said input step, into binary image data.

20. A communication method according to claim 12, further comprising a setting step of setting for said converting step one of a plurality of conversion methods to be used; and wherein said converting sep comprises converting the capacity by the conversion method set by said setting step.

21. A communication method according to claim 12, wherein:

said converting step comprises converting the capacity by using a combination of a plurality of converting methods.

22. A communication method according to claim 12, wherein:

said controlling step comprises repeating the conversion in said converting step and the retransmission in said transmitting step every time an electronic mail for notifying an error is received in said receiving step.

23. A program for performing a communication method by a computer, the communication method comprising:

an input step of inputting image data representing an image;

a transmitting step of transmitting an electronic mail to which the image data inputted by said input means is attached;

a receiving step of receiving an electronic mail for notifying an error;

an analyzing step of analyzing the electronic mail for notifying the error received by said receiving means;

a converting step of converting a capacity of the image data inputted by said input means into a smaller capacity according to an analysis result obtained in said analyzing step; and

a controlling step of carrying out a controlling operation so as to retransmit the electronic mail to which the image data with the capacity thereof converted in said converting step is attached, by said transmitting step.